

Message Text

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ORIGIN PM-04

INFO OCT-01 EA-07 ISO-00 SS-15 L-03 INR-07 /037 R

DRAFTED BY PM/ISO:RWMASSEN;OASD/ISA:JREINERTSON:DME
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EA/RA:COL. BAILEY
EA/ANZ:T.WAJDA

-----011831Z 012898 /46

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FM SECSTATE WASHDC
TO AMEMBASSY WELLINGTON
INFO SECDEF WASH DC/OASD/ISA/FMRA
HQ USAF WASH DC/XOXXI
AFSC ANDREWS AFB MD/FA
4950 WPAFB OH/DOMM

C O N F I D E N T I A L STATE 071526

E.O. 11652:ADS-DECLASSIFY UPON COMPLETION OF NEGOTIATIONS

TAGS: MARR, NZ

SUBJECT: FOREIGN OPERATING RIGHTS - ADVANCE RANGE
INSTRUMENTED AIRCRAFT (ARIA)

1. REQUEST YOU SEEK APPROVAL FROM THE GOVERNMENT OF NEW ZEALAND FOR THE OPERATIONS DETAILED BELOW. ADVANCED RANGE INSTRUMENTED AIRCRAFT (ARIA) ARE UNIQUELY EQUIPPED UNITED STATES AIR FORCE AIRCRAFT OF THE BOEING 707 TYPE DESIGNED TO RECEIVE, RECORD, AND RETRANSMIT IN REAL TIME, TELEMETRY SIGNALS FROM SPACECRAFT AND LAUNCH VEHICLES DURING LAUNCH, ORBIT OR ORBITAL INSERTION. THESE MOBILE SENSORS ENABLE SIGNALS TO BE RECEIVED IN BROAD OCEAN AREAS AND ARE SIGNIFICANTLY LESS EXPENSIVE AND MORE VERSATILE THAN SHIPS IN PROVIDING THIS CRITICAL DATA. THE DATA PROVIDED BY ARIA IS USED TO MONITOR PROGRESS, DETERMINE EQUIPMENT MALFUNCTIONS, AND INITIATE POSSIBLE INFLIGHT CORRECTIONS OF SPACECRAFT. THE ACTIVITIES SUPPORTED BY ARIA INCLUDE BOTH U.S. GOVERNMENT AND VARIOUS FOREIGN GOVERNMENT MISSILE AND SPACE PROGRAMS. THE TELEMETRY EQUIPMENT ON BOARD THE ARIA IS U.S. GOVERNMENT OWNED AND PERMANENTLY INSTALLED IN THE AIRCRAFT. THE ONLY ON-BOARD EQUIPMENT USED WHILE AIRCRAFT IS ON THE GROUND IS THE HIGH FREQUENCY RADIO FOR VOICE

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COMMUNICATIONS BETWEEN CREW MEMBERS AND THE 4950 TEST WING
CONTROL CENTER, WRIGHT PATTERSON AFB, OH.

2. THE USAF DESIRES TO USE AUCKLAND INTERNATIONAL AIRPORT AND CHRISTCHURCH INTERNATIONAL AIRPORTS, NEW ZEALAND FOR ARIA STAGING OPERATIONS IN SUPPORT OF A LAUNCH IN THE DEFENSE METEOROLOGICAL SATELLITE PROGRAM. USE OF THESE LOCATIONS WILL ENABLE THE ARIA TO OPERATE IN BROAD OCEAN AREAS OTHERWISE UNSUPPORTABLE BECAUSE OF RANGE AND FUEL LIMITATIONS. THE AIRCRAFT WOULD STAGE FROM AUCKLAND INTERNATIONAL AIRPORT, NEW ZEALAND, AND FLY AT 30,000 FEET TO ITS SUPPORT POSITION OF 59 DEGREES LATITUDE SOUTH AND 165 DEGREES WEST LONGITUDE. AT THAT LOCATION, TELEMETRY DATA FROM THE OVERHEAD SATELLITE WOULD BE RECEIVED AND RECORDED BY ONBOARD PASSIVE EQUIPMENT. SOME DATA, THUS RECORDED, WOULD BE RETRANSMITTED BY HIGH FREQUENCY RADIO TO THE SATELLITE CONTROLLER. AFTER MISSION SUPPORT, THE AIRCRAFT WOULD RECOVER TO CHRISTCHURCH INTERNATIONAL AIRPORT PRIOR TO REDEPLOYMENT TO ITS HOME STATION.

3. USE OF THESE TWO AIRFIELDS PROVIDE MAXIMUM MISSION FLIGHT TIME. AUCKLAND PROVIDES THE BEST TAKEOFF CRITERIA WHILE CHRISTCHURCH IS THE NEAREST SUITABLE RECOVERY BASE. ALL NECESSARY EQUIPMENT WILL BE BROUGHT IN AND REMOVED BY THE AIRCRAFT. NO EQUIPMENT WILL BE OFFLOADED IN NEW ZEALAND. THE PLANNED OPERATION WOULD BE CONDUCTED IN ACCORDANCE WITH THE FOLLOWING ITINERARY:

DEP/ARR ----- TIME DATE

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DEP WRIGHT-PATTERSON OH -- 1400Z 10MAY 77
ARR MARCH AFB CA ----- 1800Z 10 MAY 77
DEP MARCH AFB CA ----- 1700Z 11 MAY 77
ARR HICKAM AFB HI ----- 2200Z 11 MAY 77
DEP HICKAM AFB HI ----- 2000Z 12 MAY 77
ARR PAGO, PAGO INT'L SAMOA 0130Z 13 MAY 77
DEP PAGO, PAGO INT'L SAMOA 2100Z 13 MAY 77
ARR AUCKLAND INT'L NZ --- 0130Z 14 MAY 77
DEP AUCKLAND INT'L NZ --- 0400Z 16 MAY 77
ARR CHRISTCHURCH INT'L NZ 1200Z 16 MAY 77
DEP CHRISTCHURCH INT'L NZ 1900Z 17 MAY 77
ARR PAGO, PAGO INT'L SAMOA 2330Z 17 MAY 77
DEP PAGO, PAGO INT'L SAMOA 0130Z 18 MAY 77
ARR HICKAM AFB HI ----- 0700Z 18 MAY 77
DEP HICKAM AFB HI ----- 2000Z 19 MAY 77
ARR MARCH AFB CA ----- 0100Z 20 MAY 77
DEP MARCH AFB CA ----- 1700Z 20 MAY 77
ARR WRIGHT-PATTERSON OH --- 2130Z 20 MAY 77

4. NORMAL CREW COMPLEMENT IS 6 USAF OFFICERS, 2 DOD-SPONSORED CIVILIANS, AND 15 ENLISTED. ALL CREW MEMBERS WILL BE U.S. CITIZENS, AND WILL HAVE OFFICIAL PASSPORTS WITH REQUIRED VISAS. THE ARIA CREW WOULD WELCOME THE OPPORTUNITY TO GIVE LOCAL OFFICIALS A TOUR OF THE AIRCRAFT DURING THEIR STAY IN THE HOST COUNTRY. THE AIRCRAFT WILL CARRY A FULL CREW COMPLEMENT ON OPERATIONAL MISSIONS AND SPACE WILL NOT BE AVAILABLE FOR HOST FLIGHT OBSERVERS.

5. SINCE OPERATIONAL DELAYS MAY OCCUR FOR UP TO 90 DAYS, SPECIFIC OPERATIONAL DETAILS AND SUPPORT REQUIREMENTS WILL BE SUBMITTED IN ACCORDANCE WITH THE USAF FOREIGN CLEARANCE GUIDE. FREQUENCY CLEARANCES WILL BE REQUESTED IAW AFM 100-31.

6. SUPPORT OF THIS SATELLITE LAUNCH BY THE ARIA WILL HELP
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TO INSURE A POTENTIAL BENEFIT TO THE HOST NATION IN THE IMPROVEMENT OF INTERNATIONAL WEATHER FORECASTS AND ADVANCED STORM WARNINGS. THE DEFENSE WEATHER SATELLITE DATA IS USED IN INTERNATIONAL WEATHER FORECASTS AND CAN HELP TO INSURE FLIGHT AND SHIPPING SAFETY AS WELL AS COMMUNITY WEATHER DISASTER PREPAREDNESS.

7. REGRET FAILURE TO MEET NORMAL LEAD TIME FOR THIS REQUEST, THE PROJECT SPONSOR WAS ONLY RECENTLY NOTIFIED THAT ARIA SUPPORT WOULD BE REQUIRED FOR THIS LAUNCH.

CHRISTOPHER

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NNN

Message Attributes

Automatic Decaptioning: X
Capture Date: 01-Jan-1994 12:00:00 am
Channel Indicators: n/a
Current Classification: UNCLASSIFIED
Concepts: MILITARY BASES, MILITARY FLIGHT CLEARANCES
Control Number: n/a
Copy: SINGLE
Sent Date: 31-Mar-1977 12:00:00 am
Decaption Date: 01-Jan-1960 12:00:00 am
Decaption Note:
Disposition Action: RELEASED
Disposition Approved on Date:
Disposition Case Number: n/a
Disposition Comment: 25 YEAR REVIEW
Disposition Date: 22 May 2009
Disposition Event:
Disposition History: n/a
Disposition Reason:
Disposition Remarks:
Document Number: 1977STATE071526
Document Source: CORE
Document Unique ID: 00
Drafter: RWMASSON;OASD/ISA:JREINERTSON:DME
Enclosure: n/a
Executive Order: AS IFY UPON COMPLETION OF NEGOTIATIONS
Errors: N/A
Expiration:
Film Number: D770113-0309
Format: TEL
From: STATE
Handling Restrictions: n/a
Image Path:
ISecure: 1
Legacy Key: link1977/newtext/t1977031/aaaaaasa.tel
Line Count: 151
Litigation Code IDs:
Litigation Codes:
Litigation History:
Locator: TEXT ON-LINE, ON MICROFILM
Message ID: 618b07ac-c288-dd11-92da-001cc4696bcc
Office: ORIGIN PM
Original Classification: CONFIDENTIAL
Original Handling Restrictions: n/a
Original Previous Classification: n/a
Original Previous Handling Restrictions: n/a
Page Count: 3
Previous Channel Indicators: n/a
Previous Classification: CONFIDENTIAL
Previous Handling Restrictions: n/a
Reference: n/a
Retention: 0
Review Action: RELEASED, APPROVED
Review Content Flags:
Review Date: 22-Feb-2005 12:00:00 am
Review Event:
Review Exemptions: n/a
Review Media Identifier:
Review Release Date: n/a
Review Release Event: n/a
Review Transfer Date:
Review Withdrawn Fields: n/a
SAS ID: 2932654
Secure: OPEN
Status: NATIVE
Subject: FOREIGN OPERATING RIGHTS - ADVANCE RANGE INSTRUMENTED AIRCRAFT (ARIA)
TAGS: MARR, TPHY, NZ, US
To: WELLINGTON
Type: TE
vdkgvwkey: odb://SAS/SAS.dbo.SAS_Docs/618b07ac-c288-dd11-92da-001cc4696bcc
Review Markings:
Margaret P. Grafeld
Declassified/Released
US Department of State
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22 May 2009
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